

TFW 3663

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: HANEY, Philip J.

Group Art Unit: 3663

Serial No. 10/530,392

Examiner: Mancho, Ronnie M.

Filing or 371 (c) Date: 04/06/2005

Atty. Dkt. No: 20030117-US

For: CONSTRAINED TRACKING OF GROUND OBJECTS USING REGIONAL MEASUREMENTS

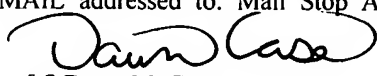
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DEPOSIT ACCOUNT **190130** AUTHORIZATION – All necessary fees are intended to be included, however the Office is hereby authorized to charge any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,

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2. The enclosed form PTO/SB/08A and/or PTO/SB/08B be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and

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Notwithstanding any statement by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,



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Substitute for form 4-73A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/530,392
Filing Date	04/06/2005
First Named Inventor	Haney, Philip J.
Art Unit	3663
Examiner Name	Mancho, Ronnie M.
Attorney Docket Number	20030117-US

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

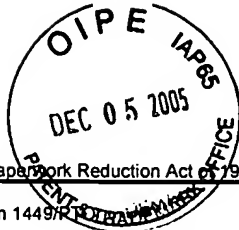
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/530,392		
		Filing Date	04/06/2005		
		First Named Inventor	Haney, Philip J.		
		Art Unit	3663		
		Examiner Name	Mancho, Ronnie M.		
Sheet	2	of	2	Attorney Docket Number	20030117-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MAKRINOS, STEPHEN T. et al., "WHITE PAPER Ultra Wideband Multi Sensor System For Sense Through The Wall Surveillance For Personnel Detection and Identification", July 15, 2003, pp. 1-7, CACI Technologies Incorporated, NJ.	
		SROUR, NINO, "Unattended Ground Sensors A Prospective for Operational Needs and Requirements", October 1999, pp. 1-5, US Army Research Laboratory.	
		KREUCHER, CHRIS et al., "Multitarget Tracking Using a Particle Filter Representation of the Joint Multitarget Density", pp. 1-15.	
		BOSE, BISWAJIT et al., "Ground Plane Rectification by Tracking Moving Objects", pp. 1-8, Massachusetts Institute of Technology, Cambridge, MA.	
		KIRUBARAJAN, T. et al., "Tracking Ground Targets with Road Constraints Using an IMM Estimator", IEEE, 1998, pp. 5-12.	
		RICHARDS, P.W., "CONSTRAINED KALMAN FILTERING USING PSEUDO-MEASUREMENTS", 1995, pp. 10/1-10/5, The Institution of Electrical Engineers, London, UK.	
		ANGELOVA, DONKA, et al., "AN IMPDAF SOLUTION TO BENCHMARK PROBLEM FOR TRACKING IN CLUTTER AND STANDOFF JAMMER", 1999, [online] [retrieved on 7/21/2004] Retrieved from the internet <URL: http://www.isn.ethz.ch/onlinepubli/publihouse/infosecurity/volume_2/F6/F6?index.htm >, pp.1-13.	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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